

**National Transportation Safety Board
Washington, DC 20594**

Brief of Accident

Adopted 12/06/2002

DEN02LA060 File No. 12514	06/19/2002	Telluride, CO	Aircraft Reg No. N9089H	Time (Local): 10:30 MDT		
Make/Model:	Cessna / 172M			Fatal	Serious	Minor/None
Engine Make/Model:	Lycoming / O-360-A4M		Crew	0	0	1
Aircraft Damage:	Substantial		Pass	0	0	1
Number of Engines:	1					
Operating Certificate(s):	None					
Type of Flight Operation:	Personal					
Reg. Flight Conducted Under:	Part 91: General Aviation					
Last Depart. Point: Albuquerque, NM			Condition of Light: Day			
Destination: Albuquerque, NM			Weather Info Src: Weather Observation Facility			
Airport Proximity: On Airport			Basic Weather: Visual Conditions			
Airport Name: Telluride Regional Airport			Lowest Ceiling: None			
Runway Identification: 9			Visibility: 10.00 SM			
Runway Length/Width (Ft): 6870 / 100			Wind Dir/Speed: 350 / 006 Kts			
Runway Surface: Asphalt			Temperature (°C): 31			
Runway Surface Condition: Dry			Precip/Obscuration: None / None			
Pilot-in-Command	Age: 20		Flight Time (Hours)			
Certificate(s)/Rating(s)			Total All Aircraft: 256			
Flight Instructor; Commercial; Multi-engine Land; Single-engine Land			Last 90 Days: 29			
Instrument Ratings			Total Make/Model: 19			
Airplane			Total Instrument Time: UnK/Nr			

The pilot reported he flew the final approach at too fast an airspeed. The pilot said, "As a result of this extra speed, I porpoised on landing." An examination of the airplane revealed damage to the firewall and a propeller blade. No other anomalies were revealed.

Brief of Accident (Continued)

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Occurrence #1: HARD LANDING
Phase of Operation: LANDING - FLARE/TOUCHDOWN

Findings

1. (C) AIRCRAFT CONTROL - NOT MAINTAINED - PILOT IN COMMAND
2. (F) PORPOISE/PILOT-INDUCED OSCILLATION - ENCOUNTERED - PILOT IN COMMAND
3. (F) AIRSPEED - HIGH
4. (F) REMEDIAL ACTION - DELAYED - PILOT IN COMMAND

Findings Legend: (C) = Cause, (F) = Factor

The National Transportation Safety Board determines the probable cause(s) of this accident as follows.
the pilot not maintaining proper aircraft control resulting in a hard landing. Factors contributing to this accident were the high
airspeed, the porpoise encountered during the landing, and the pilot's delayed remedial action resulting in the damage to the airplane.